

amount of the center of the electron beam through hole of the second grid is 0 to $-30\text{ }\mu\text{m}$ (0 is not included).

6. The electron gun for the flat cathode-ray tube according to claim 3, characterized in that centers of electron beam through holes of first and third grids of the plurality of grids coincide with a center axis of the electron gun, and an end surface having an electron beam the of a second grid is inclined with respect to the center axis.

7. A producing method of an electron gun for a flat cathode-ray tube, comprising the steps of:

preparing a first grid having an electron beam through hole formed at a reference position and having a positioning hole formed at another reference position, and preparing a second grip having an electron beam through hole separated from a reference position by a predetermined distance and having a positioning hole formed at another reference position, and

inserting positioning means in the positioning holes of the first and second grids for positioning the first and second grids in a state that a spacer is interposed between the first and second grids.

8. A producing method of an electron gun for a flat cathode-ray tube, comprising the steps of:

preparing a first grid having an electron beam through hole formed at a reference position and having a positioning hole formed at another reference position, and preparing a

second grid having an electron beam through hole formed at a reference position and having a positioning hole formed at another reference position, and

inserting positioning means in the positioning holes of the first and second grids for positioning the first and second grids such that an end surface having an electron beam through hole of the second grid is inclined with respect to the first grid in a state that a tapered spacer is interposed between the first and second grids.